

**METHOD AND APPARATUS FOR ESTIMATING REMAINING LIFE OF A
PRODUCT**

Abstract of the Disclosure

A method and apparatus are described which periodically sense environmental conditions, such as temperature, humidity, or voltage applied to a product, and apply these sensed measurements to models of ageing acceleration. Acceleration factors from the models are accumulated in nonvolatile storage. The accumulated effective aging of the product is displayed to the owner or prospective customer in various desired formats, such as effective age, current acceleration factor, estimate of effective life used, or estimate of remaining life left in the product. A warning can be sent to the user to indicate that the product's effective life is over or is nearly over.